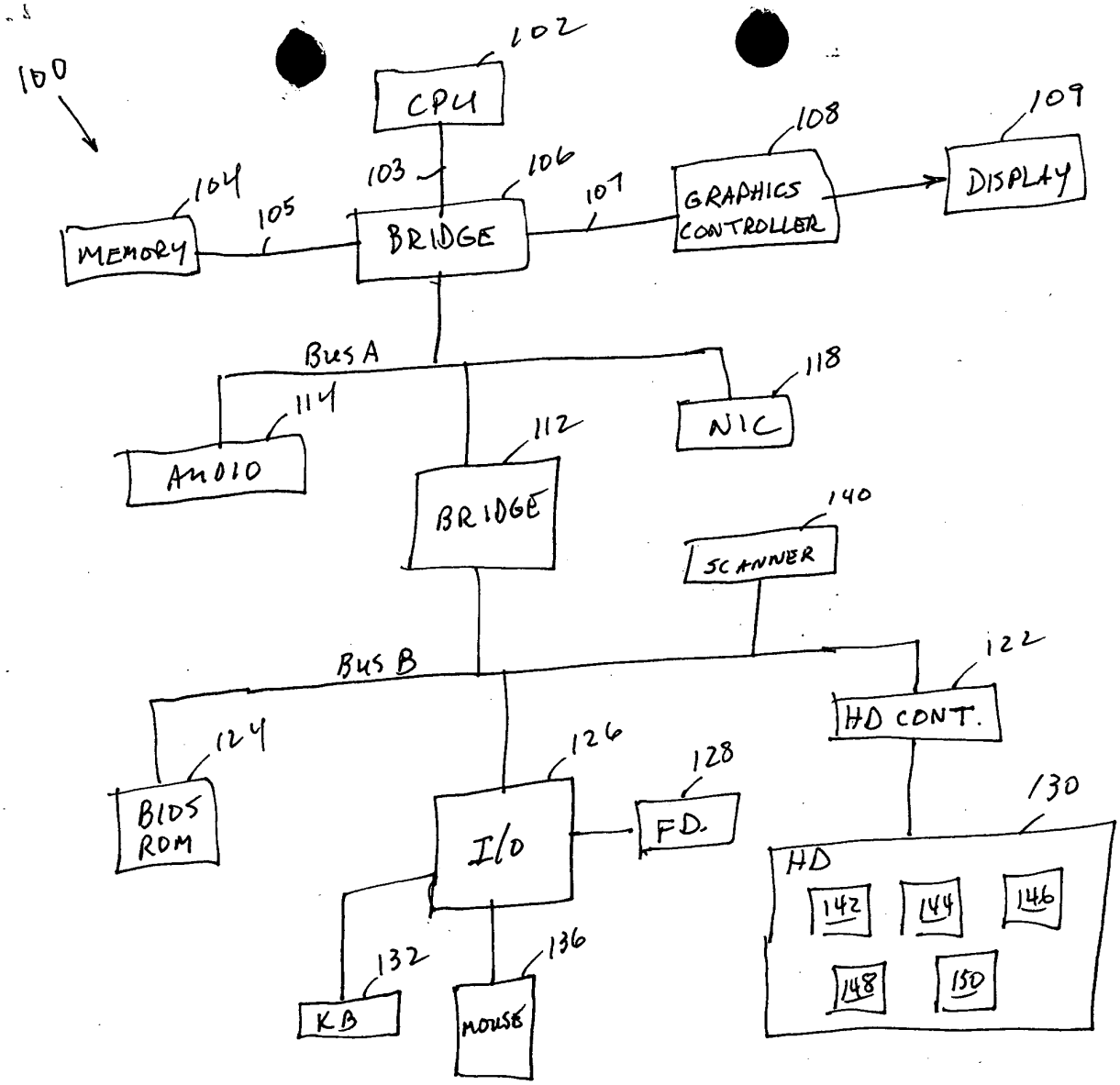
100
CPU
102
103
BRIDGE
106
MEMORY
104
105
GRAPHICS CONTROLLER
108
107
DISPLAY
109
Bus A
NIC
118
AUDIO
114
BRIDGE
112
SCANNER
140
Bus B
HD CONT.
122
BIOS ROM
124
I/O
126
FD.
128
HD
130
142
144
146
148
150
KB
132
MOUSE
136

FIG. 1

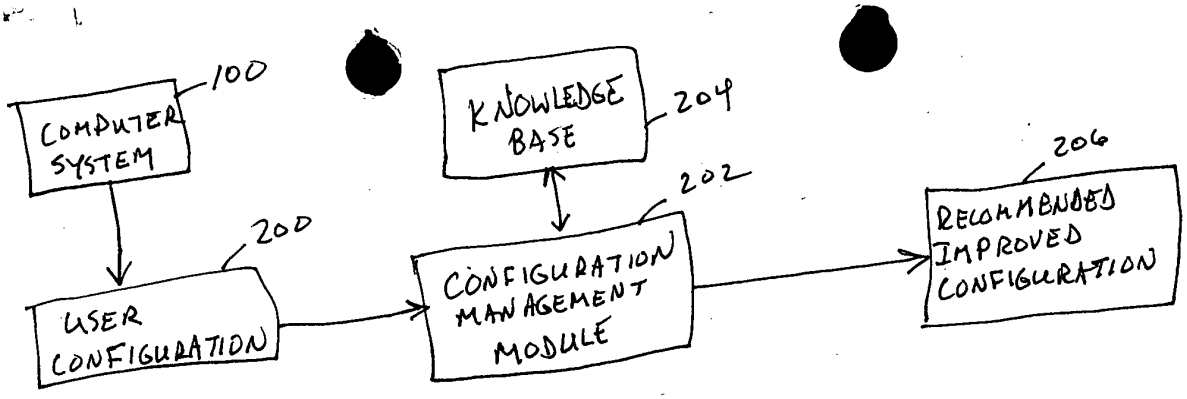
COMPUTER SYSTEM
100
KNOWLEDGE BASE
204
206
RECOMMENDED IMPROVED CONFIGURATION
202
200
USER CONFIGURATION
CONFIGURATION MANAGEMENT MODULE

FIG. 2

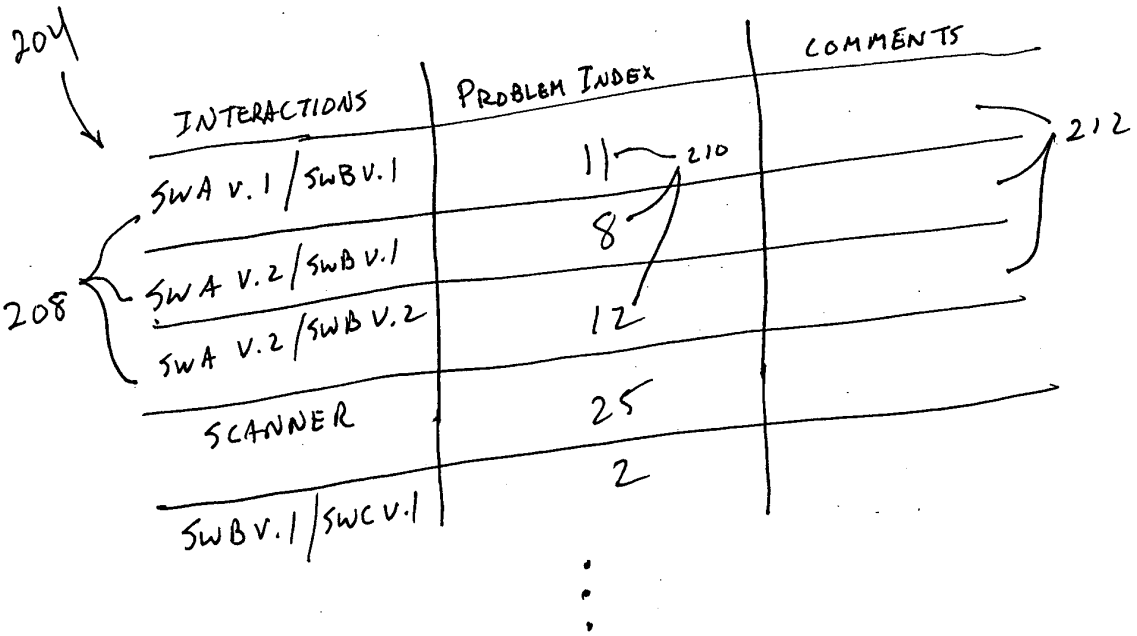
204
INTERACTIONS
PROBLEM INDEX
COMMENTS
212
210
208
SWA V.1 / SWB V.1
11
SWA V.2 / SWB V.1
8
SWA V.2 / SWB V.2
12
SCANNER
25
SWB V.1 / SWC V.1
2

FIG. 3

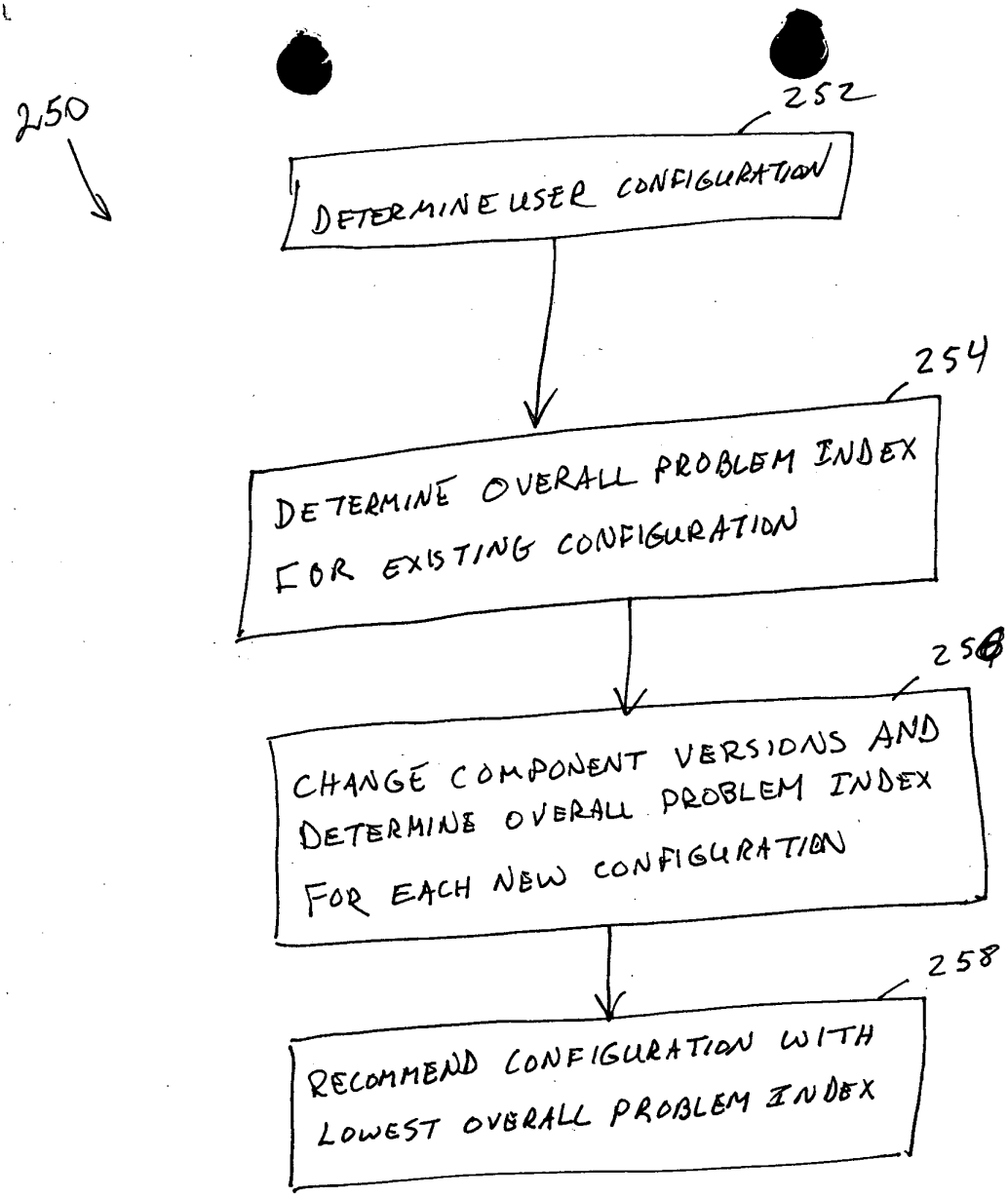
250
252
DETERMINE USER CONFIGURATION
254
DETERMINE OVERALL PROBLEM INDEX FOR EXISTING CONFIGURATION
256
CHANGE COMPONENT VERSIONS AND DETERMINE OVERALL PROBLEM INDEX FOR EACH NEW CONFIGURATION
258
RECOMMEND CONFIGURATION WITH LOWEST OVERALL PROBLEM INDEX

FIG. 4